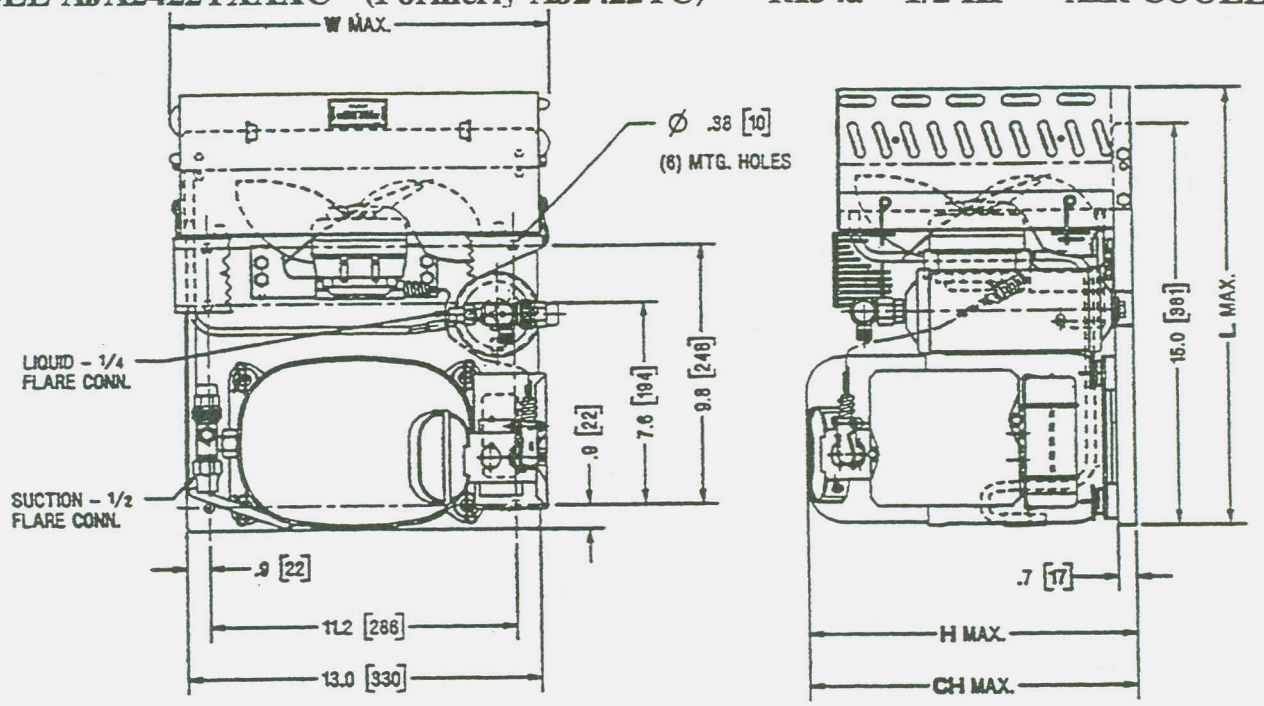
TECUMSEH HERMETIC CONDENSING UNITS

Date: 9-8-95

MODEL AJA2422YXAXC (Formerly AJ2422YC) R134a 1/2 HP AIR COOLED



NOTE!
DIMENSIONING = INCHES [MILLIMETERS]

Model	Dimensions				*Line Connection		Pumpdown 90 ° F 90% Full	Air CFM	Oil Chg oz.	Gr. Wt. Lbs.
	L	W	H	CH	Suct.	Liq.				
AJA2422YXAXC	16.4	14.0	11.6	11.6	1/2RF	1/4 F	3.3#	350	26	78

*F = Flare, S = Solder, RF or RS = Rotolock Valve with Flare or Solder Connections
Factory charge: 20 psig nitrogen - MUST BE EVACUATED 60 HZ Performance

Approved Evap. Range		Ambient								
		90° F			100° F			110° F		
°F	PSIG	BTUH	Watts	Head	BTUH	Watts	Head	BTUH	Watts	Head
-30	*4.9"	800	350	115	570	320	135	330	290	150
-25	*3.4"	1120	430	120	880	390	140	650	370	160
-20	*1.8"	1460	480	130	1210	460	150	960	430	170
-15	0.0	1800	550	140	1540	530	155	1280	520	175
-10	1.9	2140	620	145	1880	600	165	1600	590	185
-5	4.1	2490	690	155	2220	680	175	1940	670	195
0	6.5	2860	750	165	2570	750	185	2270	750	205
5	9.1	3230	830	170	2920	830	195	2610	830	220
10	11.9	3630	910	180	3290	920	205	2960	930	230

Based on 40 ° F return gas temp., 5 ° F subcooling
*Inches of mercury below one atmosphere

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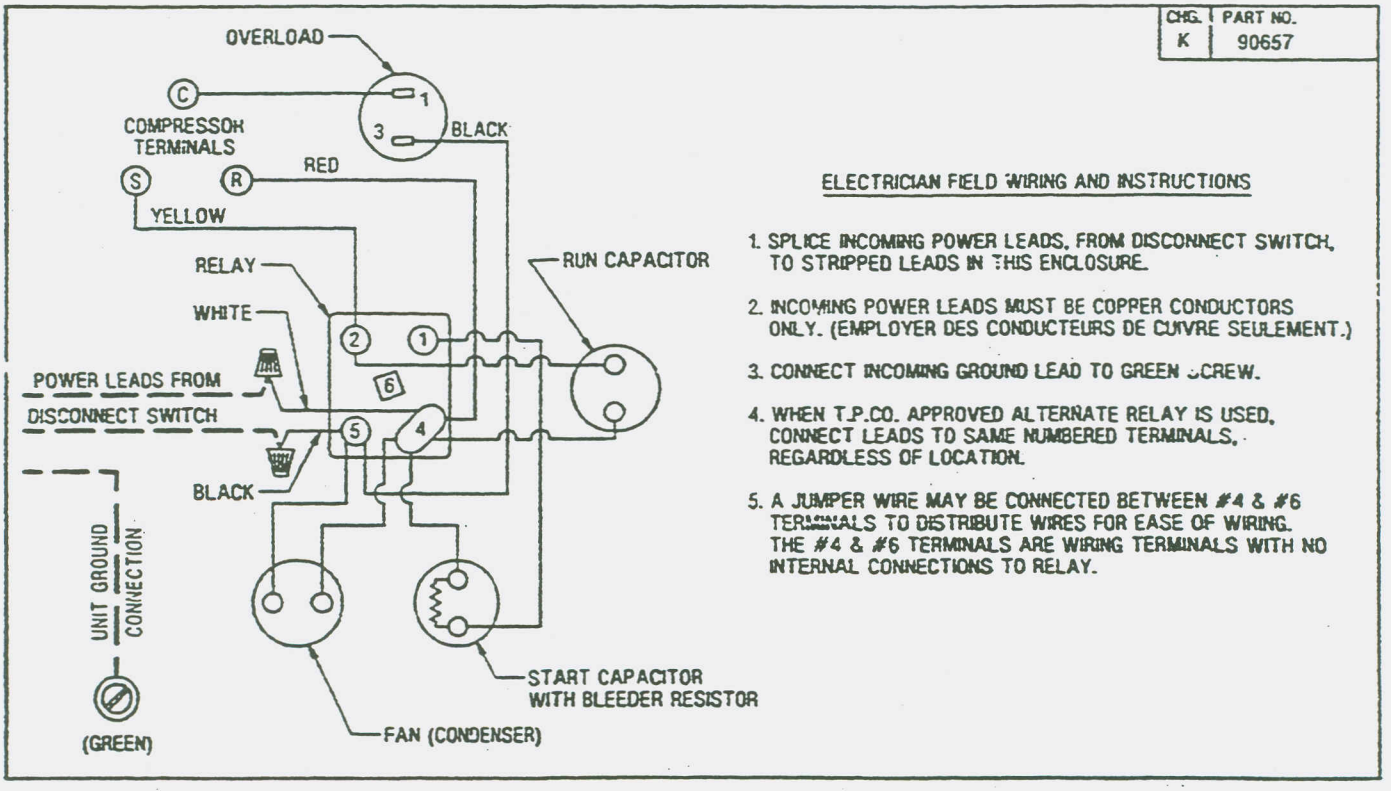
SPECIFICATIONS	AJA2422YXAXC
Nominal Voltage	115-60-1
Unit B/M	2C298-1
Voltage Range	126.5 to 103.5
Min. Circuit Ampacity	9.6
Max. Fuse Size (Amps)	15
Compressor Model	AJA2419YXA
Bill of Material	AJ135AT-336-P2
RLA/LRA	7.3/68.0
Int.Rel.Box	AE1170-003A
Overload	8300CRBL11
Relay	8200128H53
Relay Alternate	820ARR3B92
Cap. Start	855S110C09
Rating	270-324/110
Cap. Run	85PR370E36
Rating	15/370
Fan Motor	810M009B48
Alternate	810G009B24
Fan Blade	51551
Fan Guard	70785-2
Condenser	50803-1
Condenser Shroud	70766-1
Receiver Tank	51080-1
Receiver Tank Valve	31584
Unit Drawing	SU1893-34
Schematic or Elect. Dwg.	90657


CHG. K
PART NO. 90657
OVERLOAD
C
COMPRESSOR TERMINALS
S
R
YELLOW
RED
BLACK
1
3
RELAY
WHITE
RUN CAPACITOR
2
1
POWER LEADS FROM DISCONNECT SWITCH
6
5
4
BLACK
UNIT GROUND CONNECTION
(GREEN)
START CAPACITOR WITH BLEEDER RESISTOR
FAN (CONDENSER)
ELECTRICIAN FIELD WIRING AND INSTRUCTIONS
1. SPLICE INCOMING POWER LEADS FROM DISCONNECT SWITCH, TO STRIPPED LEADS IN THIS ENCLOSURE.
2. INCOMING POWER LEADS MUST BE COPPER CONDUCTORS ONLY. (EMPLOYER DES CONDUCTEURS DE CUIVRE SEULEMENT.)
3. CONNECT INCOMING GROUND LEAD TO GREEN SCREW.
4. WHEN T.P.CO. APPROVED ALTERNATE RELAY IS USED, CONNECT LEADS TO SAME NUMBERED TERMINALS, REGARDLESS OF LOCATION.
5. A JUMPER WIRE MAY BE CONNECTED BETWEEN #4 & #6 TERMINALS TO DISTRIBUTE WIRES FOR EASE OF WIRING. THE #4 & #6 TERMINALS ARE WIRING TERMINALS WITH NO INTERNAL CONNECTIONS TO RELAY.

U.L. Listed ----(60 HZ only)-----File #SA2372 --------------Card Guide #SGYU
CSA Certified --------------Canadian File #12964C ----------USA File #8873C